

ABSTRACT OF THE DISCLOSURE

Security for a system and process for programming electronic devices, such as electronic monitors for replaceable modules for a printing apparatus is provided by combinations of the elements controlling the installation of device programming software onto the programming system by verifying installation permissions and installing the programming software only if the installation permissions are verified. In addition, refilling the programming system with new or additional programming permissions is controlled by verifying refill permissions by reading installation card information from an installation security card and electronically verifying that the installation card information contains a predetermined installation security code. Programming electronic devices is controlled by determining if programming an electronic device is within a programming permissions of the programming system, detecting the presence of an electronic device to be programmed, and programming the electronic device only if programming an electronic device is within the programming permissions of the programming system.